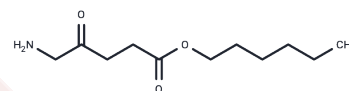


## Hexyl 5-aminolevulinate

## Chemical Properties

CAS No. :	140898-97-1
Formula:	C <sub>11</sub> H <sub>21</sub> NO <sub>3</sub>
Molecular Weight:	215.29
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Hexyl 5-aminolevulinate (HAL), a highly lipophilic photosensitizer, enhances photodynamic therapy (PDT) efficiency [1]. This compound is utilized in research on photodynamic therapy (PDT).
In vivo	Hexyl 5-aminolevulinate (8 mM, administered intravesically for 1 hour; 20 J/cm <sup>2</sup> , 635 nm, duration of 2 hours) reduces tumor size in a rat bladder cancer model [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6449 mL	23.2245 mL	46.449 mL
5 mM	0.929 mL	4.6449 mL	9.2898 mL
10 mM	0.4645 mL	2.3224 mL	4.6449 mL
50 mM	0.0929 mL	0.4645 mL	0.929 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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